

EDCON-COMPONENTS



Technical Discription

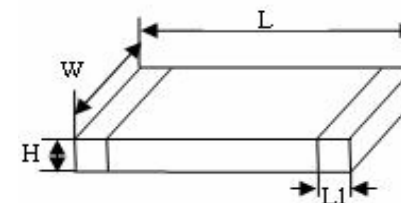
Drawing

Features

- Suitable for ESD Protection
- Low Leakage current
- Low inductance and fast response
- Excellent solderability and high heat resistance for either flow or reflow soldering.

Applications

- LCD dsipace
- Optical Sensor systems
- ECU protection
- I/O protection systems



Size 0402 / Type 1005

Working Voltage		Breakdown Voltage		Clamping Voltage	Transient energy	Peak Current	Capacitance
DC	AC	at 1mA DC		8/20 μ s 1A	10/10000 μ s	8/20 μ s	at 1KHz
VDC (V)	VRMS (V)	VB (V)	Tol. %	VC (V)	ET (J)	I _p (A)	C (pf)
11	7,8	14	± 20%	35	0,05	10	40

Dimension (mm)	
L	1,00 ± 0,20
W	0,50 ± 0,20
H	0,50 ± 0,20
L1	0,20 ± 0,15

CHIP Varistor Size 0402

Part No.: **W14002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 3

Customer:

EDCON-COMPONENTS



Ordering Informations

Serie	Working Voltage	Tolerance Code	End-Termination	ROHS	Packing			
-------	-----------------	----------------	-----------------	------	---------	--	--	--

W14002	011	M	N	R	TR			
---------------	------------	----------	----------	----------	-----------	--	--	--

011 = 11VDC	M = ±20%	N = Nickel (Standard)	R = ROHS Conform	BU = Bulk-Ware
	K = ±10%	S = Silber		
	L = ±15%		TR = Tape Reel	

CHIP Varistor Size 0402

Part No.: **W14002**

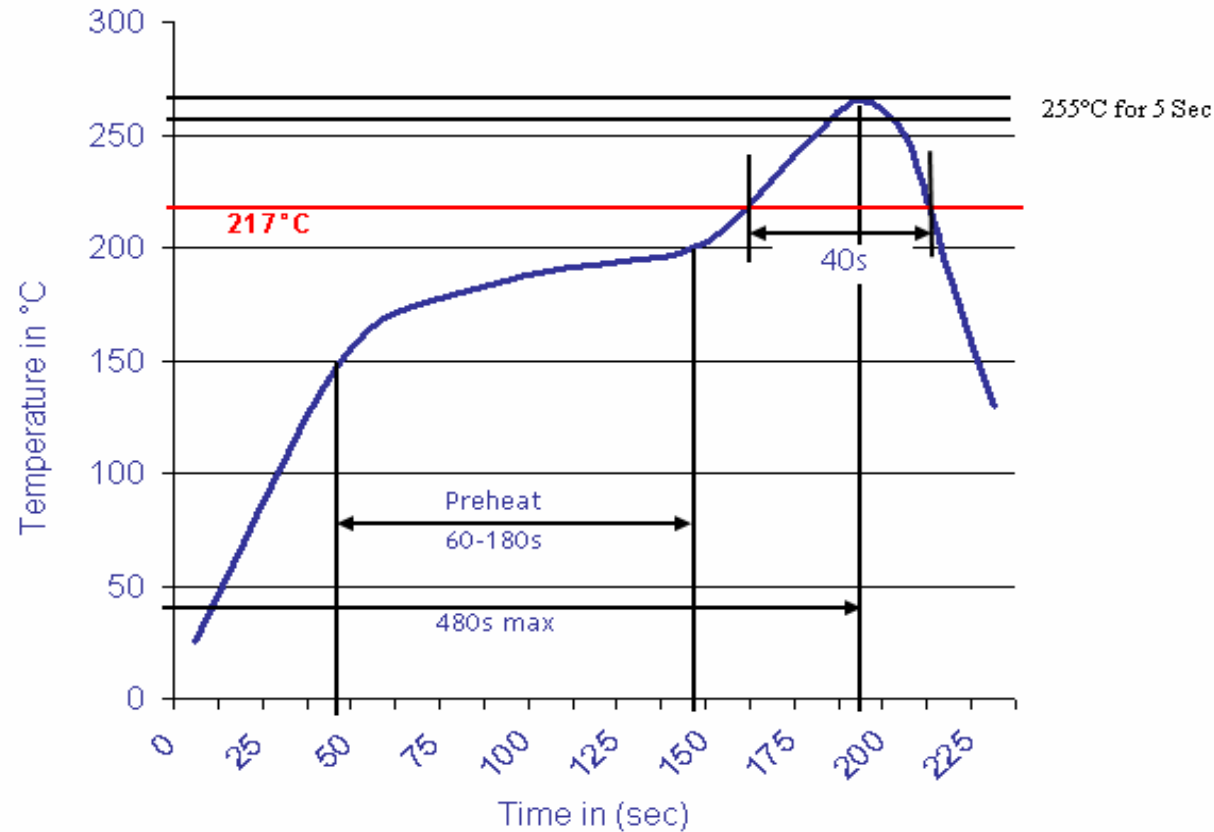
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 3

Customer:



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



CHIP Varistor Size 0402

Part No.: **W14002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.02.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 3	

Customer: